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CLAIMS

1. A gas generator comprising a gas generating agent, a cup body for filling the gas generating agent therein, and a holder with a squib, fixedly sealing the squib in the cup body,
wherein an automatic igniting agent layer is provided on the inner surface of the cup body.
2. The gas generator according to claim 1, wherein the weight of the automatic igniting agent layer is at least 3 mg.
3. The gas generator according to claim 1 or 2, wherein the automatic igniting agent layer is formed by applying a solution containing an automatic igniting agent on the inner surface of the cup body and then drying.
4. The gas generator according to any one of claims 1 to 3, wherein the automatic igniting agent layer is provided on the inner surface of a combustion chamber for the gas generating agent and wherein the weight of the automatic igniting agent layer is at least 4 mg.
5. The gas generator according to any one of claims 1 to 4, wherein the automatic igniting agent layer is in contact with the gas generating agent.
6. The gas generator according to any one of claims 1 to 5, wherein the ignition temperature of the automatic igniting agent is not lower than 150°C and lower than the ignition temperature of the gas generating agent.
7. The gas generator according to any one of claims 1 to 5, wherein the ignition temperature of the automatic igniting agent is 150 to 250°C.
8. The gas generator according to any one of claims 1 to 7, wherein the weight of the automatic igniting agent layer is 3 mg to less than 10 mg.
9. The gas generator according to any one of claims 1 to 8, wherein a filter material, a transfer charge or a coolant is not used.
10. The gas generator according to any one of claims 1 to 9, wherein the gas generating agent is used in the range of 50 mg

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to 2000 mg.